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(71) Applicant (*for all designated States except US*): THOMSON LICENSING S.A. [FR/FR]; 46, Quai A. Le Gallo, F-92648 Boulogne Cedex (FR).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): LITWIN, Louis, Robert [US/US]; 34-14 Quail Ridge Drive, Plainsboro, NJ 08536 (US). GAO, Wen [CN/US]; 21-21 Quail Ridge Drive, Plainsboro, NJ 08536 (US).

(74) Agents: TRIPOLL, Joseph, S. et al.; Thomson Licensing Inc., 2 Independence Way, Suite 200, P. O. Box 5312, Princeton, NJ 08543-5312 (US).

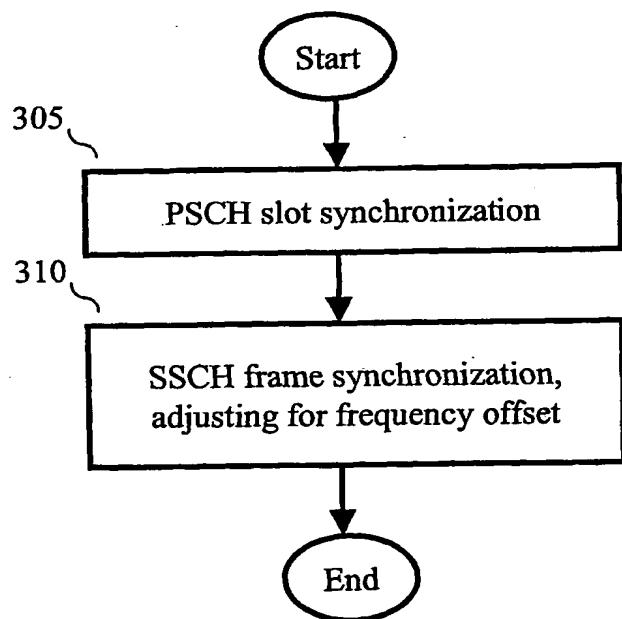
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(54) Title: FREQUENCY SYNCHRONIZATION DURING CELL SEARCH IN A UNIVERSAL MOBILE TELEPHONE SYSTEM RECEIVER



(57) Abstract: A Universal Mobile Telephone System (UMTS) receiver performs slot synchronization using a received primary synchronization channel (PSCH) (305). Subsequent to completion of slot synchronization, the UMTS receiver performs frame synchronization using a received secondary synchronization channel (SSCH) (320) in such a way that the UMTS receiver uses the received primary synchronization channel (PSCH) to adjust for the presence of frequency offset (325, 330, 335).

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